

PROF. J. G. LEMMON has read before the California Academy of Sciences a very interesting paper upon his discovery of the potato in Arizona, noticed before in these pages. Professor Lemmon's supply of potatoes has been exhausted, but he is off again to the Huachuca Mountains this fall for a fresh supply, which various cultivators will experiment upon.

BARON FELIX THÜMEN has offered his rich Mycologic Herbarium for sale. In all it probably contains 20,000 species, from all parts of the world; many of them types, and most of them bearing the labels of the most distinguished mycologists of this country and Europe. The "Mycotheca Universalis" is to be continued. Baron Thümen can be addressed at Vienna, Währing, Schulgasse 1.

## ARTICLES IN JOURNALS.

- BAILEY, W. W.—Mosses, *Am. Nat.* 17. 608.
- BAKER, J. G.—Two new Carices from Central Madagascar (with plate), *Jour. Bot.* 21. 129: Synopsis of the genus *Selaginella*, continued (2 new species). 1. c. 21. 141.
- CELAKOVSKY, DR. L.—Upon some species of the genus *Thymus*, *Flora*, Mar. 11, continued April 1.
- COOKE, M. C.—On *Sphaerella* and its allies, concluded (6 new species, 2 from U. S.), *Jour. Bot.* 21. 136.
- DETMER, W.—Review of Adolph Mayer's paper "On the theory of chemical ferments," *Bot. Zeit.* April 6.
- FISCHER, A.—On cell division in *Closterium* (with plate), *Bot. Zeit.* April 6.
- GOODALE, GEO. L.—Color and Assimilation (a note upon Th. W. Engelmann's device for measuring the assimilative activity of vegetable cells by the effect of the liberated oxygen upon bacteria), *Science*, 1. 332: On the development of chlorophyll and color granules (remarks upon the recent papers of A. F. W. Schimper in *Bot. Zeit.*), 1. c. 1. 421.
- GRAY, ASA.—Notice of Engler's "Essay on the development of the vegetable kingdom, especially on the distribution of floras since the Tertiary period," *Am. Jour. Sci.* 3. 25. 394; with J. HAMMOND TRUMBULL, Review of De Candolle's "Origin of cultivated plants," with annotations upon certain American species, Part II., 1. c. 3. 25. 370.
- GREENE, E. L.—New plants (5, chiefly from the Pacific coast), *Torr. Bull.* 10. 41.
- HANCE, H. F.—A Chinese *Clethra*, *Jour. Bot.* 21. 130.
- HENSLEY, W. B.—On the relations of the fig and the caprifig, *Nature*, 27. 584: A new Afghan plant (a *Tanacetum*), *Jour. Bot.* 21. 135.
- HOFFMANN, DR. H. and DR. EGAN IHNE.—Time of blooming of Phenogams, *Flora*, March 1.
- IHNE, DR. EGAN.—See under "HOFFMANN."
- KOEHNE, E.—Review of J. G. Baker "On contributions to the flora of Central Madagascar," *Bot. Zeit.* March 23.
- KRAUS, CARL.—Investigations upon the sap-pressure of plants (concluded), *Flora*, March 21.
- NYLANDER, W.—New addenda to the lichenography of Europe, *Flora*, March 1.
- PRENTISS, A. N.—Notes on the Adirondacks, *Torr. Bull.* 10. 43.
- REHM, DR.—Review of "Exsiccata of Hungarian Fungi," *Flora*, March 1.
- REINSCH, P. F.—On the alga-like and peculiar one-celled bodies in the coal of Central Russia (2 plates), *Flora*, March 11.
- SCHRENK, JOSEPH.—Notes on the haustoria of some N. Am. parasitic phanerogams (*Comandra umbellata*) (with 3 plates), *Torr. Bull.* 10. 37.
- SPENCER, JAMES.—Recreations in Fossil Botany, No. IX. (Reproductive organs of fossil plants), *Sci. Gossip*, No. 221. 100.
- TRIMEN, HENRY.—*Cinchona Ledgeriana* (a reply to certain remarks by Dr. Kuntze in the Jan. No.), *Jour. Bot.* 21. 131.
- TRUMBULL, J. H.—See under "GRAY."
- TSCHIRCH, A.—Review of H. Heyfelder's paper on "Pharmacognosy of the Vegetable Kingdom," *Bot. Zeit.* March 23.
- TUCKERMAN, EDWARD.—A new *Ramalina* (California), *Torr. Bull.* 10. 43.
- VASEY, GEO.—Two new species of grasses (*Stipa* from Oregon, and *Aristida* from S. Arizona), *Torr. Bull.* 10. 42.
- WARD, LESTER F.—Plant-life past and present, (Synopsis of one of the "Saturday lectures" delivered at the Nat. Mus. Washington), *Science*, 1. 358.
- ZACHARIAS, E.—Upon Albumen, Nuclein, and Plastin, *Bot. Zeit.* March 30.